# ATTACHMENT 12

### State of Kansas



# Department of Health and Environment James J. O'Connell, Secretary

April 14, 1997

Mr. David Duke Quality Control Manager Air Capitol Plating, Inc. 1702 S. Knight Street Wichita, Kansas 67213

Re:

Air Emission Source Construction Approval

Source ID No.: 1730152

Dear Mr. Duke:

Enclosed is the Air Emission Source Construction Approval for the spray booths to be installed at Air Capitol Plating, Inc. in Wichita, Kansas.

The facility is an existing major source subject to 40 CFR Part 63, Subpart GG-Ae ospace Manufacturing and Rework Facilities promulgated on September 1, 1995. Since EPA has the authority for this subpart at this time, contact Richard Tripp at (913) 551-7566 if you have any questions regarding this rule.

Please review the approval carefully because the approval obligates the source to certain requirements.

The source I.D. Number cited above should be included in all communications with KDHE in reference to this approval.

Notify the Air Quality Representative, Fred Spencer, in the Wichita-Sedgwick County Department of Community Health at (316) 268-8448 when the operation has commenced so that an evaluation can be conducted.

If you have any questions about this approval, please call me at (913) 296-6427. Your cooperation with the air quality program in Kansas is appreciated.

Sincerely,

Daizy Dandass

Engineering Associate

Air Permit Section

Bureau of Air and Radiation

DD: lsb/049771

c:

Fred Spencer

NPL#: 97-93



### Department of Health and Environment

James J. O'Connell, Secretary

# AIR EMISSION SOURCE CONSTRUCTION APPROVAL

Source ID No.:

1730152

Effective Date:

April 14, 1997

Source Name:

Air Capitol Plating, Inc.

SIC Code:

3471, Electroplating, Plating, Polishing, Anodizing, and Coloring

Source Location:

1702 S. Knight Street

Wichita, Kansas 67213

Sedgwick County

Mailing Address:

1702 S. Knight Street

Wichita, Kansas 67213

Sedgwick County

Contact Person:

David Duke

Quality Control Manager

Telephone No. (316) 943-0731

This approval is issued pursuant to K.S.A. 65-3008 as amended.

### Description of Activity Subject to Air Pollution Control Regulations

Air Capitol Plating, Inc. is proposing to add three spray booths at their facility in Wichita, Kansas.

Emissions of volatile organic compounds (VOCs) were evaluated as part of the review of this application. This project is subject to the provisions of K.A.R. 28-19-300 (Construction Permits and Approvals; Applicability) because the potential-to-emit of VOCs exceeds the level at which an approval is required.

### Significant Applicable Air Regulations

The painting operation, as proposed, is subject to regulations relating to air pollution control. The following regulation was determined to be applicable to this source:

1. 40 CFR Part 63, Subpart GG - National Emission Standards for Hazardous Air Pollutants (NESHAPs) for the Aerospace Manufacturing and Rework Industry.

### Air Emission Unit Technical Specifications

The following equipment or equivalent is approved:

1. Three (3) Binks Model No. IDB168F spray booths 8 feet high, 16 feet wide and 8 feet deep numbered 5 through 7.

### Air Emissions Estimates from the Proposed Activity

POLLUTANT	POTENTIAL-TO-EMIT <sup>1</sup>	ESTIMATED OPERATING
TYPE	(Tons per Year)	EMISSIONS <sup>2</sup> (Tons per Year)
Volatile Organic Compounds (VOCs)	12	4

### Notification

1. Notify the Air Quality Representative in the Wichita-Sedgwick County Department of Community Health at (316) 268-8448 when the operation has started so that an evaluation can be conducted.

Potential-to-emit means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable.

Estimated operating emissions are the emissions of a pollutant from a stationary source based on expected hours and conditions of operations.

### General Provisions

- 1. This document shall become void if the construction or modification has not commenced within 18 months of the effective date, or if the construction or modification is interrupted for a period of 18 months or longer.
- 2. A construction permit or approval must be issued by KDHE prior to commencing any construction or modification of equipment or processes which results in potential-to-emit increases equal to or greater than the thresholds specified at K.A.R. 28-19-300.
- 3. Upon presentation of credentials and other documents as may be required by law, representatives of the KDHE (including authorized contractors of the KDHE) shall be allowed to:
  - a. enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of this document;
  - b. have access to and copy, at reasonable times, any records that must be kept under conditions of this document;
  - c. inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this document; and
  - d. sample or monitor, at reasonable times, for the purposes of assuring compliance with this document or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.
- 4. The emission unit or stationary source which is the subject of this document shall be operated in compliance with all applicable requirements of the Kansas Air Quality Act and the federal Clean Air Act.
- 5. This document is subject to periodic review and amendment as deemed necessary to fulfill the intent and purpose of the Kansas Air Quality Statutes and Regulations.
- 6. This document does not relieve the permittee of the obligation to obtain other approvals, permits, licenses, or documents of sanction which may be required by other federal, state, or local agencies.

### Approval Issuing Engineer

Engineering Associate
Bureau of Air and Radiation

DD:lsb/049772

Fred Spencer NPL 97-93 c:



David Duke, Quality Control Manager Air Capitol Plating, Inc. 1702 So. Knight Wichita, Kansas 67213

P/N 1730152

Dear Sir:

The report of New or Modified Source that you submitted in accordance with the provisions of K.A.R. 28-19-300 Reporting Required which was received by the Kansas Department of Health and Environment contained information regarding the installation of three(3) spray painting booths at your Wichita facility.

The following equipment was approved for operation:

Three (3) Binks Model No. IDB168F spray booths 8 feet high , 16 feet wide and 8 feet deep. These units are located in Painting Room #1, and are now designated as #1-#2-#3. Emissions are controlled by 2 stage dry filters.

On May 9, 1997 I conducted an inspection of the completed installation. The inspection verified that the equipment was installed as approved. In accordance with K.A.R.  $28-19-50\,(B)$  a series of 25 opacity readings were taken on the exhaust stack emissions of booth #1 for an average of 0.0%, which demonstrates compliance with applicable regulations.

This equipment is also subject to 40 CFR 63 Subpart GG- Aerospace Manufacturing and Rework Facilities promulgated on September 1, 1995. At this time Subpart GG is a Federal program only. Questions regarding this regulation should be addressed to EPA.

If you have any questions regarding this matter, please contact me at 268-8448.

Fred Spencer, Air Quality Technician

cc: Don Schuyler, KDHE NPL 97-93

our ce Type Results Code Staff Code K	Date Achieved Y Y M M D D
Kansas Department of Health an	d Environment
Air Pollution Source Inspe	
Permit Number Source Type	Applicable Regulations
1130152 HI(1)	Plant Location: JEDGWICK COLUTY
Plant Address: 1702 Jo. KNIGHT Wichita	
	CONTROL MANA WER
Name Title	L1 (L2) Other
1) VAUID DUKE QUALITY CONTROL OUCR. 2) 3)	AI RI (EI ) Comp. Other  Pate of Inspection 5 / 9 /199 7
<ol> <li>Any modifications made since last inspection? / / / / / / / / / / / / / / / / / / /</li></ol>	ed maintence plan?
Comments: NPL 91-93	Inspector: Mulhum AQT  Date: 5-9-97 Time: //:20 Am To //:06 Am
Or L-21/5-93  PAINT ROOM#1  DOOT 45 #1 #2 #3	Minute   :00   :15   :30   :45     1
orm L-21/5-93  BOOV 245 #1 #2 #3	



### KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

### BUREAU OF AIR AND RADIATION

### INITIAL INSPECTION/EVALUATION FORM

Source ID No.:

1730152

Source Name:

Air Capitol Plating, Inc.

Source Location:

1702 S. Knight Street

Wichita, Kansas 67213

### I. Equipment Description and Operations Performed:

Туре	Control Equipment
Three Binks Model No. IDB168F spray booths 8 feet high, 16 feet wide and 8 feet deep	2 LAGE DRY FILTER
Is the above information consistent with the	O INCORPORATE 3 ITALE FILTERS.
equipment used?	

### II. Opacity of Visible Emissions

PAINT ROOM#1

SOURCE	OPACITY LIMIT (%)	OPACITY OBSERVED (%)
Binks spray booth #   \( \w\)	<20¹	0
Binks spray booth #9 2 (MIO)	<20	NOT OPERATING
Binks spray booth #1 3	<20	NOT OBERATING

<sup>&</sup>lt;sup>1</sup>Reference K.A.R. 28-19-50(B)

ш.	Comments:
	(Please provide a brief summary for the item above if the response is "No".)
Inspec	etor's Name: FRED SPENCER Signature: July AQT
	(Print)

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# KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

### BUREAU OF AIR AND RADIATION

### INITIAL INSPECTION/EVALUATION FORM

Source ID No.:	1730152
Source Name:	Air Capitol Plating, Inc.
Source Location:	1702 S. Knight Street
	Wichita, Kansas 67213

### I. Equipment Description and Operations Performed:

Туре	Control Equipment
Three Binks Model No. IDB168F spray booths 8 feet high, 16 feet wide and 8 feet deep	
Is the above information consistent with the	
equipment used?	Yes; No

### II. Opacity of Visible Emissions

SOURCE	OPACITY LIMIT (%)	OPACITY OBSERVED (%)
Binks spray booth #5	<20 <sup>1</sup>	
Binks spray booth #6	<20	
Binks spray booth #7	<20	

<sup>&</sup>lt;sup>1</sup>Reference K.A.R. 28-19-50(B)

ш.	Comments:					
	(Please provi	de a brief summary for t	he item abo	ve if the respons	e is "No".)	
	•			•		
Inches	tor's Name:			Signatures		
mspec	tor s maine.			Signature:		
		(Print)				
Date o	of Inspection:				•	

MAY 4 1900



### **KANSAS**

### DEPARTMENT OF HEALTH & ENVIRONMENT

BILL GRAVES, GOVERNOR Gary R. Mitchell, Secretary

April 28, 1998

Mr. Buvki Dake

Quality Control Manager Air Capitol Plating, Inc. 1702 S. Knight Street Wichita, Kansas 67213

Re:

Air Emission Source Construction Permit

Source ID No.: 1730152

Dear Mr. Duke:

Enclosed is the Air Emission Source Construction Perm t for the spray booths to be installed at Air Capitol Plating, Inc. in Wichita, Kansas.

Please review the permit carefully because the permit obligates Air Capitol Plating, Inc. to certain requirements.

Since the facility is an existing major source, it is subject 40 CFR Part 63, Subpart GG - National Emission Standards for Hazardous Air Pollutants (NESHAPs) for the Aerospace Manufacturing and Rework Industry. The facility will have to comply with these standards by September 1, 1998.

The source I.D. Number cited above should be included in all communications with KDHE in reference to this permit.

Notify the Air Quality Representative, John Stark, in the Wichita-Sedgwick County Department of Community Health at (316) 268-8448 when the operation has commenced so that an evaluation can be conducted.

Contact Leo Haynos, Technical Services Section, Forbes Field, Bldg 283, Topeka, Kansas 66620 at (785) 296-6421 at least thirty (30) days in advance of the date Air Capitol Plating, Inc. wishes to conduct the performance test so arrangements may be made for a representative of the department to be present for the test.

If you have any questions about this permit, please call me at (913) 296-6427. Your cooperation with the air quality program in Kansas is appreciated.

Sincerely,

Daizy Dandass

Engineering Associate

Air Permit Section

Bureau of Air and Radiation

DD:pek

C:

John Stark

NPL#: 98-53

Forbes Field, Building 283 (785) 296-1570

Printed on Recycled Paper

Topeka, KS 66620-0001 FAX (785)291-3953



### **KANSAS**

### DEPARTMENT OF HEALTH & ENVIRONMENT

BILL GRAVES, GOVERNOR

Gary R. Mitchell, Secretary

# AIR EMISSION SOURCE CONSTRUCTION PERMIT

Source ID No.:

1730152

Effective Date:

April 28, 1998

Source Name:

Air Capitol Plating, Inc.

SIC Code:

3471, Electroplating, Plating, Polishing, Anodizing, and Coloring

Source Location:

1702 S. Knight Street

Wichita, Kansas 67213

Sedgwick County

Mailing Address:

1702 S. Knight Street

Wichita, Kansas 67213

Sedgwick County

**Contact Person:** 

David Duke

Quality Control Manager

Telephone No. (316) 943-0731

This approval is issued pursuant to K.S.A. 65-3008 as amended.

### Description of Activity Subject to Air Pollution Control Regulations

8,9,10

Air Capitol Plating, Inc. is proposing to add three spray booths at their facility in Wichita, Kansas.

Emissions of volatile organic compounds (VOCs) and hazardous air pollutants (HAPs) were evaluated as part of the review of this application. This project is subject to the provisions of K.A.R. 28-19-300 (Construction Permits and Approvals; Applicability) because the potential-to-emit of HAPs exceeds the level at which a permit is required.

### Significant Applicable Air Regulations

The painting operation, as proposed, is subject to regulations relating to air pollution control. The following regulation was determined to be applicable to this source:

1. K. A. R. 28-19-750 Hazardous Air Pollutants; Maximum Achievable Control Technology, which adopts by reference 40 CFR Part 63, Subpart GG - National Emission Standards for Hazardous Air Pollutants (NESHAPs) for the Aerospace Manufacturing and Rework Industry.

### Air Emission Unit Technical Specifications

The following equipment or equivalent is approved:

1. Three (3) JBI Model No. IDB-128-3 Scrial # 22121 spray booths 8 feet high, 12 feet wide and 12 feet deep numbered 8 through 10.

One three-stage dry particulate filter.

### Air Emissions Estimates from the Proposed Activity

Pollutant Type	Potential-To-Emit <sup>1</sup> (Tons per Year)		
	Prior to controls	After controls	
Volatile Organic Compounds (VOCs)	. 36	36	
Hazardous Air Pollutants (HAPs)	36	1	

### **Compliance Provisions**

- 1. Organic HAP emissions from the primer shall be limited to an organic HAP content level of no more than 350 g/l (2.9 lbs/gal) of primer (less water) as applied.
- 2. The VOC emissions from the primer shall be limited to a VOC content level of no more than 350 g/l (2.9 lbs/gal) of primer (less water and exempt solvents) as applied.
- 3. Organic HAP emissions from topcoats shall be limited to an organic HAP content level of no more than 420 g/l (3.5 lb/gal) of coating (less water) as applied. Organic HAP emissions from self-priming topcoats shall be limited to an organic HAP content level of no more than 420 g/l (3.5 lb/gal) of self-priming topcoat (less water) as applied.

Potential-to-emit means the maximum capacity of a stationary source to emit a pollutant under its physical and operational design. Any physical or operational limitation on the capacity of the source to emit a pollutant, including air pollution control equipment and restrictions on hours of operation or on the type or amount of material combusted, stored, processed, shall be treated as part of its design if the limitation or the effect it would have on emissions is federally enforceable.

- 4. VOC emissions from topcoats shall be limited to a VOC content level of no more than 420 g/l (3.5 lb/gal) of coating (less water and exempt solvents) as applied. VOC emissions from self-priming topcoats shall be limited to a VOC content level of no more than 420 g/l (3.5 lb/gal) of self-priming topcoat (less water and exempt solvents) as applied.
- 5. The owner shall comply with the following requirements to control the emissions:
  - i. Controlled coatings-control system requirements Each control system shall reduce the operation's organic HAP and VOC emissions to the atmosphere by 81% or greater, taking into account capture and destruction or removal efficiencies.
  - ii. To comply with <u>Compliance Provisions 1-4</u>, the facility shall perform the following by themselves or in conjunction with one another:
    - a. Use primers and topcoats with HAP and VOC content levels equal to or less than the limits specified in <u>Compliance Provisions 1-4</u>
    - b. i. Use any combination of primers or topcoats such that the monthly volume-weighted average organic HAP and VOC contents of the combination of primers or topcoats comply with the specified content limits.
      - ii. Averaging primers together with topcoats is prohibited under this MACT.
      - iii. Averaging is allowed only for uncontrolled primers or topcoats.
- 6. The owner shall comply with the following requirements to control the inorganic HAP emissions:
  - i. Apply the coatings in a booth or a hangar in which air flow is directed onto or across the part or assembly being coated and exhausted through one or more outlets.
  - ii. Control the air stream from this operation as follows:
    - a. For existing sources, pass the air stream through either a dry particulate filter system or a waterwash system before exhausting it to the atmosphere.
    - b. Waterwash booths shall remain in operation during all coating application operations.
    - c. Dry filter booths shall include two-stage filter systems or the equivalent, as determined by the permitting agency.

- d. If a dry particulate filter system is used, the following requirements shall be met:
  - A. Maintain the system in good working order;
  - B. Install a differential pressure gauge across the filter banks;
  - C. Continuously monitor the pressure drop across the filter; and
  - D. Take corrective action when the pressure drop exceeds or falls below the filter manufacturer's recommended limit(s).
- e. If a waterwash system is used, continuously monitor the water flow rate.
- If the pressure drop across the dry particulate filter system, as recorded pursuant to § 63.752(d)(1), is outside the limit(s) specified by the filter manufacturer or in locally prepared operating procedures, continuity/flow characteristics check, or the water flow rate recorded pursuant to § 63.752(d)(2) exceeds the limit(s) specified by the booth manufacturer or in locally prepared operating procedures, maintenance procedures for the filter or waterwash system have not been performed as scheduled, shut down the operation immediately and take corrective action. The operation shall not be resumed until the pressure drop or water flow rate is returned within the specified limit(s).
- 7. The primer/topcoat shall be applied using one or more of the application techniques specified below:
  - i. Flow/curtain coat application
  - ii. Dip coat application
  - iii. Roll coating
  - iv. Brush coating
  - v. Cotton-tipped swab application
  - vi. Electrodeposition (dip) coating
  - vii. High volume low pressure (HVI P) spraying
  - viii. Electrostatic spray application
  - ix. Other coating application methods that achieve emission reductions equivalent to HVLP or electrostatic spray application methods, as determined according to the requirements in §63.750(i).

Equipment modified by the facility shall maintain a transfer efficiency equivalent to HVLP and electrostatic spray application techniques.

### Permit Conditions

1. The dry particulate filter shall be operating at all times the spray paint booth is in operation.

### **Initial Performance Test**

The owner or operator shall conduct an initial performance test to demonstrate compliance with the overall reduction efficiency. The inital test shall be conducted according to the procedures and test methods specified in §63.7 and §63.750(h).

### Monitoring Requirements

The owner or operator shall continuously monitor the pressure drop acorss the dry particulate system.

### Recordkeeping Requirements

The owner or operator required to comply with the organic HAP and VOC content limits shall record the information as follows:

1. The name and VOC content as received and as applied of each primer and topcoat used at the facility.

2. For uncontrolled primers (organic HAP content less than 350 g/l (2.9 lb/gal) less water as applied and VOC content less than 350 g/l (2.9 lb/gal) less water and exempt solvents as applied):

i. The mass of organic HAP emitted per unit volume of coating as applied (less water) (Hi) and the mass of VOC emitted per unit volume of coating as applied (less water and exempt solvents) (Gi) for each coating formulation within each coating category used each month (as calculated using the procedures specified in § 63.750(c) and (e));

ii. All data, calculations, and test results (including EPA Method 24 results) used in determining the values of Hi and Gi; and

iii. The volume (gal) of each coating formulation within each coating category used each month.

### Notification

Notify the Air Quality Representative in the Wichita-Sedgwick County Department of Community Health at (316) 268-8448 when the operation has started so that an evaluation can be conducted.

### General Provisions

1. This document shall become void if the construction or modification has not commenced within 18 months of the effective date, or if the construction or modification is interrupted for a period of 18 months or longer.

- 2. A construction permit or approval must be issued by KDHE prior to commencing any construction or modification of equipment or processes which results in potential-to-emit increases equal to or greater than the thresholds specified at K.A.R. 28-19-300.
- 3. Upon presentation of credentials and other documents as may be required by law, representatives of the KDHE (including authorized contractors of the KDHE) shall be allowed to:
  - a. enter upon the premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of this document;
  - b. have access to and copy, at reasonable times, any records that must be kept under conditions of this document;
  - c. inspect, at reasonable times, any facilities, equipment (including monitoring and control equipment), practices, or operations regulated or required under this document; and
  - d. sample or monitor, at reasonable times, for the purposes of assuring compliance with this document or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.
- 4. The emission unit or stationary source which is the subject of this document shall be operated in compliance with all applicable requirements of the Kansas Air Quality Act and the federal Clean Air Act.
- 5. This document is subject to periodic review and amendment as deemed necessary to fulfill the intent and purpose of the Kansas Air Quality Statutes and Regulations.
- 6. This document does not relieve the permittee of the obligation to obtain other approvals, permits, licenses, or documents of sanction which may be required by other federal, state, or local agencies.

Permit Engineer

Daizy Dandass

Engineering Associate

Bureau of Air and Radiation

DD:pek

c: John Stark NPL 98-53 4/28/98 Date Signed



July 1, 1998 —

Curt Howell Air Capitol Plating 1702 S. Knight Wichita, Ks 67213

P/N 1730152

Mr. Howell:

The report of New or Modified Source that you submitted in accordance with the provisions of K.A.R. 28-19-300 Reporting Required was received by the Kansas Department of Health and Environment. This report contained information regarding the installation of process equipment at your plating and spray painting facility in Wichita.

The following equipment was approved for operation:

three JBI model #IDB-128-3 spray booths, designated as booths 8, 9, and 10 equipped with dry particulate filters.

Since this facility is an existing major source, it is subject to 40 CFR part 63, subpart GG - Aerospace NESHAP. The standards as set forth are to be complied with by September 1, 1998. Please remember you are required to schedule a performance test for these installations and to notify Leo Haynos, KDHE-Technical Services, thirty days in advance of the date of the test.

On June 24 and June 30, 1998, I conducted an inspection of the installations. This inspection verified that the equipment was installed as approved and records were being maintained as required. The Department will continue to observe the equipment to verify compliance with all applicable regulations. If you have any questions regarding these matters, 268-8448. please contact me at

Sincerely,

Randy Owen

Environmental Quality Specialist

KDHE, Bureau of Air Quality-Topeka NPL# 98-53

Wichita-Sedgwick Cunty Department of Cimmunity Health



# KANSAS DEPARTMENT OF HEALTH AND ENVIRONMENT

### BUREAU OF AIR AND RADIATION

### **INITIAL INSPECTION/EVALUATION FORM**

Source ID No.:

1730152

Source Name:

Air Capitol Plating, Inc.

Source Location:

1702 S. Knight Street

Wichita, Kansas 67213

### I. Equipment Description and Operations Performed:

Туре	Control Equipment
Three JBI Model No. IDB-128-3 spray booths 8 feet high, 12 feet wide and 12 feet deep	Dry particulate filter

Is the above information consistent with the	
equipment used?	Ves No

### II. Opacity of Visible Emissions

SOURCE	OPACITY LIMIT (%)	OPACITY OBSERVED (%)
JBI spray booth #8	<20 <sup>1</sup>	ð
JBI spray booth #9	<20	
JBI spray booth #10	<20	D.

<sup>&</sup>lt;sup>1</sup>Reference K.A.R. 28-19-50(b)

ш.	RecordKeeping Requirements
	Are records of following being kept at the facility:
	<ul> <li>i. The name and VOC content as received and as applied of each primer</li></ul>
	monthYes_; No_
IV.	Monitoring Requirements
	Is the pressure drop being monitored continuously across the dry particulate filter?Yes, No
V.	Performance Testing
	Has the source finalized the performance test schedule?
	If the performance test schedule has been finalized, has the Technical Services  Section been notified of the schedule?
VI.	Comments:  (Please provide a brief summary for the item above if the response is "No".)  The part forth Coverings
Inspec	etor's Name: ANNY OWEN Signature:
Date o	of Inspection:

### **CALCULATIONS**

Source Name:

Air Capitol Plating, Inc.

Source ID Number:

1730152

Information retreived from the Notification form and MSDS:

Materials Used at the facility	Annual Coating Usage(gal/yr)	Coating Density (lb/gal)	Operating Hours (hrs coating applied/yr)	Annual Coating Usage/Operating Hrs (gal/hr)	VOC Content (lb/gal)
Waterborne Epoxy Primer	8580	9.6	3025	2.83	2.83

VOC emissions calculated from the above data:

3-stage filter efficiency: 98%

### Pre-Permit

VOCs = 2.83 lb/gal of VOCs \* 2.83 gal/hr \* 8760 hrs/yr \* 1/2000 tons/lb = 35.1 tons/yr

HAPs = 2.83 lb/gal \* 30% of Strontium Chromate \* 9.6 lb/gal \* 8760 hrs/yr \* 1/2000 tons/lb = 35.8 tons/yr

### Post-Permit

HAPs = 35.8 - (.98 \* 35.8) = 0.716 tons/yr

# **ATTACHMENT 13**

## AIR EMISSION SOURCE CONSTRUCTION APPROVAL

Permit No.

1730152

Effective Date:

March 16, 1994

Source Name:

Air Capitol Plating, Inc.

Source Location:

1702 S. Knight Street, Wichita, Kansas

Mailing Address:

1702 S. Knight Street, Wichita, Kansas 67213

Contact Person:

David C. Duke

Telephone No. (316) 943-0731

### Project Description

Air Capitol Plating, Inc. intends to install and operate a burn-out oven (incinerator) for the purpose of destroying used filters associated with their surface coating operations.

### Significant Applicable Air Emission Regulations

The incinerator, as proposed, is subject to Kansas Administrative Regulations relating to air pollution control. The following air pollution regulations were determined to be applicable to this source:

- 1. K.A.R. 28-19-8 Reporting Required: "Any person who proposes to construct, alter, use or operate any processing machine, equipment, device or other article, or any combination thereof, that is capable of emitting any potential contaminant emissions equal to or in excess of levels specified in K.A.R. 28-19-8(b) of this regulation, shall report this proposed activity to the department."
- 2. K.A.R. 28-19-40 et seq. Incinerator Emissions: Stipulates requirements of an approvable incinerator.

### Air Emission Source Classification

This facility is source type B (potential and actual emissions of all regulated pollutants are estimated to be less than 100 tons per year). The Standard Industrial Classification code number is 3471, Electroplating Plating, Polishing, Anodizing and Coloring.

### Approval Application History

The Report of New or Altered Source for this incinerator was submitted to the Kansas Department of Health and Environment on March 9, 1994.

### Air Emission Unit Technical Specifications

One Armature Coil Equipment, Inc. Model 240-RKG incinerator, rated capacity of 40 pounds per hour, primary and secondary burners natural gas fueled, each rated 0.625 x  $10^6$  BTU per hour, for burning of used filters associated with surface coating operations.

### Air Emission Limitations

- 1. Information in the KDHE files indicates that this incinerator is capable of complying with the 0.3 grain particulate per dry standard cubic foot, corrected to 12% carbon dioxide, limitation of K.A.R. 28-19-41(A) Restriction of Emissions when burning the waste material and at a rate for which it was designed.
- 2. This incinerator will be subject to the 20% opacity limitation of K.A.R. 28-19-41(B) and will be inspected periodically by a representative of the Wichita-Sedgwick County Department of Community Health (W-SCDCH) to verify compliance with the regulation.

### Approval Conditions

- 1. K.A.R. 28-19-40(D) Incinerator Emissions General Provisions requires instructions for proper operation of the incinerator be posted in a conspicuous location near the incinerator.
- 2. This approval does not relieve you of the responsibility for obtaining other approvals which may be required by other federal, state or local government agencies.

### **Notification**

Notify George Huenergardt, the Air Quality Environmentalist in the W-SCDCH at (316) 268-8449 when installation of this incinerator is complete so that an evaluation can be conducted to verify compliance with applicable regulations.

### Inspection and Entry Requirements

Upon presentation of credentials and other documents as may be required by law, the permittee shall allow a representative of the KDHE (including authorized contractors of the KDHE) to perform the following:

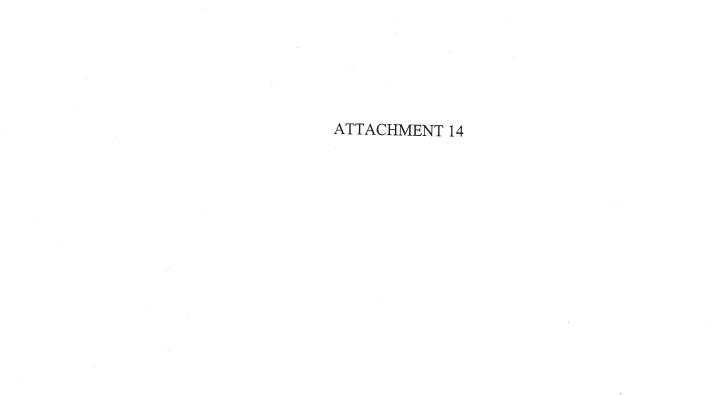
- enter upon the permittee's premises where a regulated facility or activity is located or conducted or where records must be kept under conditions of the permit;
- 2. have access to and copy, at reasonable times, any records that must be kept under conditions of the permit;
- 3. inspect at reasonable times, any facilities, equipment (including monitoring and control equipment) practices or operations regulated or required under the permit; and
- 4. sample or monitor, at reasonable times, for the purposes of assuring permit compliance or as otherwise authorized by the Secretary of the KDHE, any substances or parameters at any location.

Permit Issuing Engineer

L. C. Hinther
Environmental Engineer
Bureau of Air and Radiation

Date Signed

LCH:tam
NPL 94-77



# Initial Statement of Compliance Per 40 CFR 63.468 (d) of the Halogenated Solvent MACT Standard Date of Report: May 1, 1998 Solvent Cleaning Machine #1

MAY 19 1998

The name and address of the owner/operator:

Air Capitol Plating Inc. 1702 S. Knight Wichita, KS 67213 (316) 943-0731

Contact: Curtis Howell

AIR, RGRA & TOXICS DIVISION

The address and physical location of the solvent cleaning machine. The address is the same as shown above. Refer to the attached map for the actual physical location. This is referred to as vapor degreaser #1.

A list of the control equipment used to achieve compliance for each solvent cleaning machine. This machine is a vapor degreaser utilizing trichloroethylene as the degreasing solvent. Control equipment and methods are as follows: primary condensing coils, FRD (freeboard refrigeration device), freeboard ratio of 1.0, hoist with lifting speed limited to less than 11 feet per minute, device to shut off sump heat when vapors get too high, device to shut off sump heat when liquid level drops to coils, and reduced room draft.

<u>List of control equipment required to be monitored</u>, a list of the parameters that are monitored and the values of these parameters measured on or during the first month after the compliance date:

The control equipment and methods requiring monitoring are: the FRD, the hoist, and the reduced room draft. The parameters to be monitored are: temperature at the midpoint of the FRD blanket (must be less than 30% of solvent boiling point, i.e., must be less than 56.7 degrees F), lifting speed of the hoist (must be less than 11 FPM), and reduced room draft (velometer readings must show average air movement of less than 50 FPM).

The values of these parameters measured on or during the first month after the compliance date or at a later date (in which case an explanation is offered as a footnote) are shown in table form on the next page.

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### VAPOR DEGREASER #1

DATE	WEEKLY ROOM PARAMETERS	WEEKLY FRD AIR BLANKET JEMP (F)	MONTHLY HOIST-SPEED (<11FT/MIN)	QUARTERLY WINDSPEED (<50 FT/MIN)	
12/01/97	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			48	+
12/19/97	OK				
01/05/98	• OK		9.40		
01/12/98	OK				+
01/19/98	Alama OK	Marie Complete And Service			+-
**************************************	OK	E. 3		1 .	+
02/02/98	STAN OK		9.20		1
02/09/98:	QK	*			<b>†</b>
02/16/98	OK	*	,		<del> </del>
02/23/98	OK	¥ 5 1 <b>2</b> 2 2 3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1
03 <del>/02/9</del> 8	OK "	· • • • • • • • • • • • • • • • • • • •	9.30	47	1
03/09/98	OK-	\$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$		T/	1.54
-,03/16/98	oK .	* AT 18 10 10 10 10 10 10 10 10 10 10 10 10 10			-
03/23/98	OK	53.40		,	-
03/30/98	OK-	49.80			+
04/06/98	O <del>K</del>	50.30	9.10		-
04/13/98	OK	51.80			1
04/20/98	OK	51.20			1
04/27/98	OK-	- 50.30			

<sup>\*</sup> Temperature readings did not commence until March 23, 1998, because we were awaiting a ruling from John Ramsey, KDHE, on the appropriate point at which to take the reading.

Conditions to maintain the wind speed requirements of Sec. 63.463(e)(2)(ii).

The overhead door just to the east-northeast of this degreaser is kept normally closed.

# Initial Statement of Compliance Per 40 CFR 63.468 (d) of the Halogenated Solvent MACT Standard Date of Report: May 1, 1998 Solvent Cleaning Machine #2

RECEIVED

MAY 19 1998

 $\mathcal{V}$ The name and address of the owner/operator:

Air Capitol Plating Inc. 1702 S. Knight Wichita, KS 67213 (316) 943-0731

Contact: Curtis Howell

AIR, ROWN & TOXICS DIVISION



The address and physical location of the solvent cleaning machine. The address is the same as shown above. Refer to the attached map for the actual physical location. This is referred to as vapor degreaser #2.

A list of the control equipment used to achieve compliance for each solvent cleaning machine. This machine is a vapor degreaser utilizing trichloroethylene as the degreasing solvent. Control equipment and methods are as follows: primary condensing coils, FRD (freeboard refrigeration device), freeboard ratio of 1.0, hoist with lifting speed limited to less than 11 feet per minute, device to shut off sump heat when vapors get too high, device to shut off sump heat when liquid level drops to coils, and reduced room draft.

<u>List of control equipment required to be monitored</u>, a list of the parameters that are monitored and the values of these parameters measured on or during the first month after the compliance date:

The control equipment and methods requiring monitoring are: the FRD, the hoist, and the reduced room draft. The parameters to be monitored are: temperature at the midpoint of the FRD blanket (must be less than 30% of solvent boiling point, i.e., must be less than 56.7 degrees F), lifting speed of the hoist (must be less than 11 FPM), and reduced room draft (velometer readings must show average air movement of less than 50 FPM).

The values of these parameters measured on or during the first month after the compliance date or at a later date (in which case an explanation is offered as a footnote) are shown in table form on the next page.

### **VAPOR DEGREASER #2**

Selection 192	WEEKLY PARAMETERS	WSEKIY	MONTHLY HOIST SPEED (<11 FT/MIN)	QUARTERLY
44/25/97	364200 24,05,40		HOIST SPEED (<11F1/MIN)	WINDSPEED (<50 FT/MIN) 43:
42/19/97	WHI OK LA		N	
01/05/98	- OK -	HERENA LEGIS DE SESSIONE	• 9.40	
01/12/98	ALCOHOLOGICAL			
**.01(19/98 <del>**</del> /	See OKS		or bridge date i depub	
U1/26/98/L	radarii OKT-182.			
	al≱ OK?>		9.30	
12223/98	OK 32			
1/10E/02/68			0.00	
03/09/98		renessassas +	9.20	46.
/03/16/9B	OK W			
03/23/98		246.70		
03/80/98	OK.	48.30		
04/06/98	OK-ETIEN	45.50	9.50	
~(04/13/98	A OK	47.60		
04/20/98 1:04/27/98	* OK	47.40		
MANAGE AND STATE OF THE PARTY O	OK -	46.80		e and the terms

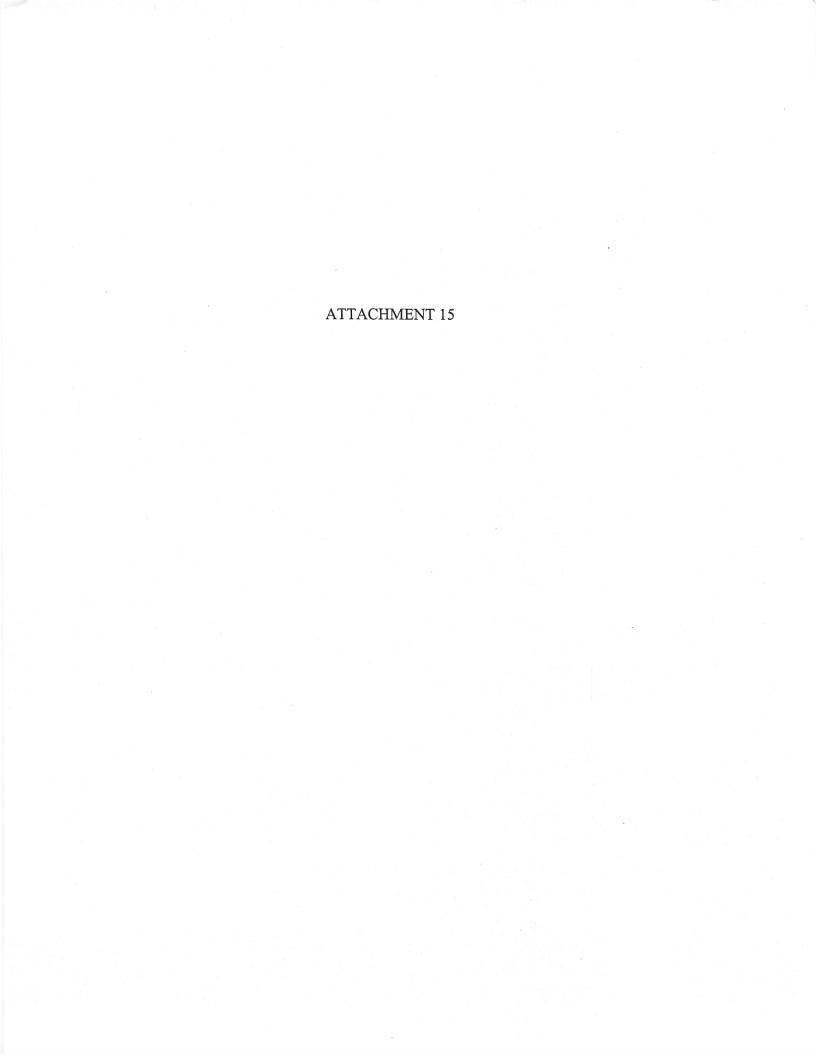
\* Temperature readings did not commence until March 23, 1998, because we were awaiting a ruling from John Ramsey, KDHE, on the appropriate point at which to take the reading.

Conditions to maintain the wind speed requirements of Sec. 63.463(e)(2)(ii).

Airspeed testing indicated air movement less than 50 feet per minute without any specific control of room parameters

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Prepared with the assistance of:



### COMPLIANCE CHECKLIST FOR BATCH VAPOR OR IN-LINE MACHINES Halogenated Solvent Cleaning NESHAP

NOTE: This checklist will help determine whether a batch vapor or in-line (cold or vapor) machine is in compliance with the Halogenated Solvent Cleaning NESHAP.

GEN	ERAL INFORMATION		
A.	Cleaning machine ID No.:	1 4	2
B.	Installation Date:		
C.	Machine is:	New □ Existi	ing 🔀
MA	CHINE SIZE		
Indic	eate the machine size based on whe	ther the machine has a	a solvent-air interface.
A.	Solvent-air interface area:	28	$m^2$ or $t^2$
	(Equal to the surface area of all cleaning	g sumps. $\sum (L_i \times W_i) = \text{sol}$	vent-air interface)
	<u>OR</u> if no solvent-air interface an	rea	
B.	Cleaning Capacity:		m³ or ft³
	(Equal to the product of internal width,	length and depth of the tan	k. IW x IL x D = cleaning capacity)
COI	MPLIANCE OPTION	Copyrine Collection	
Mar	the compliance option chosen by	owner/operator and c	amplete the charlelist entires
indic	k the compliance option chosen by cated for this option.		omplete the checklist sections
A.	cated for this option.		omplete the checklist sections
indic	Base design + work practices + Complete sections 4, 5,	control combination	100 Maring 100 Maring 100 V
indic	Base design + work practices +	control combination	100 Maring 100 Maring 100 V
indic	Base design + work practices +	control combination 8 and 9	100 Talastra 100 Talastra
A.	Base design + work practices + Complete sections 4, 5,	control combination 8 and 9 idling emission limit	
A.	Base design + work practices + Complete sections 4, 5, Base design + work practices +	control combination 8 and 9  idling emission limit 8 and 9	
A. B.	Base design + work practices + Complete sections 4, 5, Base design + work practices + Complete Sections 4, 6,	control combination 8 and 9  idling emission limit 8 and 9  emission limit)	

### ORK PRACTICE REQUIREMENTS

Complete the tables below by filling in any required measurements, calculations, or observations, and check either "Yes" or "No" to document compliance.

### A. Base Design Requirements:

The solvent cleaning machine must meet all criteria in the table to be in compliance.

	Base Design	Measurement, Calculation, or	In Compliance?	
Citation	Parameter	Observation	Yes	No
Compliance §63.463(a)(1)(i) §63.463(d)(1)(i) §63.463(e)(2)(iv)	Machine idling and downtime cover is tightly fitting; free of holes cracks, or other defects; and is in place when parts are not in the machine.	OK	X	
<b>Monitoring</b> §63.466(b)(1)	Cover is inspected monthly to ensure it is free of holes, cracks, or other defects.	Monitoring frequency:		
<u>OR</u>	A CONTRACTOR OF THE STATE STATE			
Compliance §63.463(a)(1)(ii), §63.463(e)(2)(ii)(A)	Room draft not exceeding 15.2 m/min (50 ft/min) <sup>2</sup> .	Average wind speed:  48/45	X	
Monitoring §63.466(d)	Room draft is monitored according to §63.466(d).	Room parameters or enclosure used?:	X	
Compliance §63.463(e)(2)(ii)(B)	Owner/operator established and maintains the operating conditions of testing.	Monitoring frequency:		•
		QUETRLY	X	
<b>Compliance</b> §63.463(a)(2)	Machine has a freeboard ratio of 0.75 or greater.	Freeboard ratio: 2.2 & Freeboard height:	2,28	
	Calculate by dividing freeboard height by the smallest interior freeboard width.	Interior width:	X	

<sup>&</sup>lt;sup>4</sup> Exceedance has occurred if this requirement has not been met and is not corrected within 15 days of detection (§63.463(e)(3)(ii)).

<sup>&</sup>lt;sup>5</sup> Exceedance has occurred if this requirement has not been met (§63.463(e)(3)(i)).

# A. Base Design Requirements (Continued):

Base Design Parameter  Machine has an automated handling system, and it moves	Calculation, or Observation	Yes	
			No
at a speed of 3.4 m/min (11 ft/min) or less.	Handling/speed:  - ", + / 2", 5  Distance:(m)  Rate:(min)	×	
Determine hoist speed monthly (quarterly if no exceedances for year or otherwise approved by Administrator) by taking the distance and dividing by rate.	Monitoring frequency:	×	
Liquid level indicators to shut off sump heat are present and functioning for vapor machines.		×	
Vapor level indicators to shut off sump heat are present and functioning for vapor machines.		×	
Primary condenser present and functioning.		×	
Lip exhaust carbon adsorber (if applicable) exhaust must not exceed 100 ppm halogenated solvent.  Carbon adsorber bed is not bypassed during desorption.	Outlet concentration: Solvent sampled:	M	House Tourn
	(quarterly if no exceedances for year or otherwise approved by Administrator) by taking the distance and dividing by rate.  Liquid level indicators to shut off sump heat are present and functioning for vapor machines.  Vapor level indicators to shut off sump heat are present and functioning for vapor machines.  Primary condenser present and functioning.  Lip exhaust carbon adsorber (if applicable) exhaust must not exceed 100 ppm halogenated solvent.  Carbon adsorber bed is not	(quarterly if no exceedances for year or otherwise approved by Administrator) by taking the distance and dividing by rate.  Liquid level indicators to shut off sump heat are present and functioning for vapor machines.  Vapor level indicators to shut off sump heat are present and functioning for vapor machines.  Primary condenser present and functioning.  Lip exhaust carbon adsorber (if applicable) exhaust must not exceed 100 ppm halogenated solvent.  Carbon adsorber bed is not bypassed during desorption.  Monitoring frequency:  A  Dutlet concentration:  Solvent sampled:	(quarterly if no exceedances for year or otherwise approved by Administrator) by taking the distance and dividing by rate.    Liquid level indicators to shut off sump heat are present and functioning for vapor machines.    Vapor level indicators to shut off sump heat are present and functioning for vapor machines.    Primary condenser present and functioning.    Lip exhaust carbon adsorber (if applicable) exhaust must not exceed 100 ppm halogenated solvent.    Carbon adsorber bed is not bypassed during desorption.   Monitoring frequency:

#### B. Work Practice Requirements:

The solvent cleaning machine must meet all criteria in the table to be in compliance.

	Work Practice	Secretary Control of the Control of	In Compliance?	
Citation	Requirement	Observation	Yes	No
Compliance §63.463(d)(1)(i) §63.463(d)(1)(ii)	Control air disturbances across cleaning machine openings by (check one):  Keeping cover(s) in place during idling and downtime  Or  Room draft reduction		×	
Compliance §63.463(d)(2)	For open-top machines, ensure that parts or parts baskets do not occupy more than 50% of the solvent-air interface area, or introduce the parts or baskets at a speed of 0.9 m/min (3 ft/min) or less.	Solvent-air interface area:  Handling speed:  Distance:  Rate:	4018 3 (4)(6)	Peptir CP Laborate
<b>Compliance</b> §63.463(d)(3)	Perform all spraying operations within the vapor zone or within a section of the machine that is not directly exposed to ambient air.	enter de la company de la comp	(2)(2)	
<b>Compliance</b> §63.463(d)(4)	Orient parts so that the solvent drains from them freely.			
<b>Compliance</b> §63.463(d)(5)	Remove parts or baskets only after dripping has stopped.			
<b>Compliance</b> §63.463(d)(6)	When starting up, turn on the primary condenser before the sump heater.			
<b>Compliance</b> §63.463(d)(7)	When shutting down, turn off sump heater before the primary condenser.			•
<b>Compliance</b> §63.463(d)(8)	Add or drain solvent using threaded or other leak-proof couplings, and ensure that the end of the pipe or hose introducing solvent is located beneath the liquid solvent surface.			
<b>Compliance</b> §63.463(d)(9)	Maintain equipment as recommended by manufacturer or using approved alternate maintenance practices.			

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#### B. Work Practice Requirements:

Citation	Work Practice		In Compliance?	
	Requirement	Observation	Yes	No
Compliance §63.463(d)(10)	Operators must complete and pass applicable sections of the Test of Solvent Cleaning Procedures (Appendix B of Part 63, Subpart T) if asked to do so by the inspector.	ATTICH ED MACHIN		
<b>Compliance</b> §63.463(d)(11)	Collect and store waste solvent, still bottoms, and sump bottoms in closed containers.	makemment	×	
<b>Compliance</b> §63.463(d)(12)	Do not clean absorbent materials, such as sponges, fabric, wood, and paper, in the machine.		X	S. S

#### 5. CONTROL COMBINATIONS

#### A. Options for Batch Vapor Machines

Circle the Control Combination number in the table below that applies to this machine (§63.463(c)(1)-(2)). Then complete the compliance inspection information in the referenced sections.

	24. ye	Control and Checklist Section to Complete:						
Batch Vapor Cleaning Machine Size	Control Combination (circle the number that applies)	Working Mode Cover	1.0 Freeboard Ratio	Super Heated Vapor	Freeboard Refrigeration	Reduced Room Draft	Carbon	Dwell
		C.1	C.2	C.3	C.4	C.5	C.6	C.7
	1	<b>√</b>	<b>√</b>	<b>V</b>	1000			
	2			✓	<b>✓</b>			
	3	<b>√</b>			<b>✓</b>			
Solvent-air	4		<b>√</b>	<b>✓</b>		√ <sup>1</sup>		
Interface Area Less than or equal	5				<b>✓</b>	<b>√</b>		
Less than or equal to 1.21 m <sup>2</sup> (13 ft <sup>2</sup> ) [§63.463(b)(1)(i)]	6		<b>√</b>		<b>✓</b>			
	7				<b>√</b>			<b>√</b>
	8		<b>√</b>			<b>V</b>		<b>√</b>
	9				<b>✓</b>		<b>√</b>	
	10		V	✓			✓ <b>/</b>	
	1		<b>√</b>	✓	√ √ ·			
Solvent-air	2				<b>✓</b>	<b>√</b>		<b>√</b>
Interface Area	3	<b>✓</b>		<b>√</b> ,	<b>V</b>			
Greater than 1.21 m² (13 ft²) [§63.463(b)(2)(i)]	4		<b>√</b>	✓		<b>√</b>		
	5			✓	✓	<b>/</b>		
	(6)		✓		✓	<b>√</b>		
	7			<b>√</b>	<b>√</b>		✓ .	

#### B. Options for In-line Machines

Circle the Control Combination number in the table below that applies to this machine (§63.463(c)(1)-(2)). Then complete the compliance inspection information in the sections for the applicable controls following this table and check either "Yes" or "No" to document compliance.

	ne synastic	Control and Checklist Section to Complete:				
In-Line Cleaning Machine Type	Control Combination (circle the number that applies)	1.0 Freeboard Ratio	Super Heated Vapor	Freeboard Refrigeration	Carbon Adsorber	Dwell
		C.2	C.3	C.4	C.6	C.7
	1	<b>√</b>	<b>/</b>			
Existing Machines	2	ý		<b>√</b>		
Existing Machines [§63.463(c)(1)(i)]	3			<b>V</b>		<b>/</b>
	4		agent the average of the second		<b>/</b>	<b>/</b>
New Machines [§63.463(c)(2)(i)]	1		<b>√</b>	/		
	2			· · · · · · · · · · · · · · · · · · ·		
	3		/		/	

# C. Control Combination Requirements

#### C.1 Working Mode Cover

Citation	Working Mode Cover Parameter	Measurement, Calculation, or	In Compliance?		
		Observation	Yes	No	
Compliance §63.463(e)(2)(iii)(A)	Cover opens only during parts entry and removal and completely covers machine openings when closed.	letrae l	<b>X</b> '		
<b>Compliance</b> §63.463(e)(2)(iii)(B)	Cover is maintained free of cracks, holes, and other defects.		×		
<b>Monitoring</b> §63.466(b)(1)	Cover is inspected monthly to ensure it is free of holes, cracks, or other defects.		X		

#### C.2 Freeboard Ratio of 1.0

Citation	Freeboard Ratio	Measurement, Calculation, or	In Compliance?	
	Parameter	Observation	Yes	No
Compliance §63.463(c)(1)(i) §63.463(c)(2)(i)	Machine has a freeboard ratio of 1.0 or greater.  Calculate by dividing freeboard height by the smallest interior freeboard	Freeboard ratio: 2,2 & Freeboard height:	X	\$200 Ber (\$ 40)
	by the smallest interior freeboard width.	Interior width:		

# C.3. Superheated Vapor

NA

Citation	Superheated Vapor	Measurement, Calculation, or	In Compliance?	
	Parameter	Observation	Yes	No
<b>Compliance</b> §63.463(e)(2)(vi)(A)	Solvent vapor at the center of the superheated vapor zone must be heated to at least 10°F above the solvent boiling point (BP)6.	Temperature: Solvent BP: Temp. difference:		
<b>Compliance</b> §63.463(e)(2)(vi)(B)	Manufacturers specifications for determining proper dwell time are followed <sup>7</sup> .	Specification: Dwell time:		
Compliance §63.463(e)(2)(vi)(C)	Parts must remain in the superheated vapor zone for minimum proper dwell time <sup>4</sup> .	free Case 28 basis		
<b>Monitoring</b> §63.466(a)(2)	The temperature at the center of the superheated vapor zone must be measured and recorded weekly while the machine is idling (retain the records for 5 years).			

<sup>&</sup>lt;sup>6</sup>Exceedance has occurred if this requirement has not been met and are not corrected within 15 days of detection (§63.463(e)(3)(ii)).

<sup>&</sup>lt;sup>7</sup>Exceedance has occurred if this requirement has not been met (§63.463(e)(3)(i)).

#### C.4 Freeboard Refrigeration

Citation	Freeboard Refrigeration	Measurement, Calculation, or	In Compliance?	
	Parameter	Observation	Yes	No
<b>Compliance</b> §63.463(e)(2)(i)	Air in the freeboard must be at a temperature no greater than 30 percent of the solvent boiling point (in oF) <sup>3</sup> .	Solvent BP (oF): 189 Temp (oF): 51/48 Temp. As % of BP: < 57°F	X	
Monitoring §63.466(a)(i)	The air blanket temperature above the vapor zone must be measured and recorded weekly while the machine is idling (retain the records for 5 years).		×	

#### C.5 Reduced Room Draft

Citation	Reduced Room Draft	Measurement, Calculation, or	In Compliance?	
	Parameter	Observation	Yes	No
Compliance §63.463(e)(2)(ii)(A)	The average windspeed in the room or enclosure is less than or equal to 15.2 m/min (50 ft/min).	Average windspeed:		
Compliance §63.463(e)(2)(ii)(B)	Owner/operator established and maintains the operating conditions of testing.		×	
Monitoring (room parameters) §63.466(d)(1)	Windspeed is measured and recorded quarterly. Room conditions established during testing are monitored weekly.		X	
Monitoring (enclosure) §63.466(d)(2)	Windspeed is measured and recorded <i>monthly</i> . Enclosure conditions is monitored <i>monthly</i> .	NA	8	

<sup>&</sup>lt;sup>3</sup>Exceedance has occurred if this requirement has not been met and are not corrected within 15 days of detection (§63.463(e)(3)(ii)).

#### C.6 <u>Carbon Adsorber (with Lip Exhaust)</u>

Citation	Carbon Adsorber	Measurement,	In Compliance?		
	Parameter	Calculation, or Observation	Yes	No	
<b>Compliance</b> §63.463(e)(2)(vii)(A)	Halogenated solvent concentration in the exhaust does not exceed 100 ppm using colorimetric detector tube.5	Concentration: Solvent tested:			
<b>Compliance</b> §63.463(e)(2)(vii)(B)	The carbon bed cannot be bypassed during desorption.	ora breatest i			
Compliance §63.463(e)(2)(vii)(C)	The lip exhaust must be located above the cover.6	Description description			
Monitoring and Recordkeeping §63.466(e) §63.467(b)(4)	The exhaust concentration of the halogenated solvent must be measured and recorded weekly. (retain the records for 5 years).		1		

<sup>&</sup>lt;sup>5</sup>Exceedance has occurred if this requirement has not been met and are not corrected within 15 days of detection (§63.463(e)(3)(ii)).

<sup>&</sup>lt;sup>6</sup>Exceedance has occurred if this requirement has not been met (§63.463(e)(3)(i))

C.7 <u>Dwell</u>

Citation	Dwell	Measurement, Calculation, or	In Compliance	
	Parameters	Observation	Yes	No
Compliance §63.463(e)(2)(v)(A)	Determine the proper or maximum dwell time for each type of part or parts basket to be cleaned.6	Proper dwell time recorded (sec)	35-12	
Compliance §63.463(e)(2)(v)(B)	Ensure that parts are held in the freeboard area above the vapor zone for the proper dwell time.	en commune Che varion bed Idii insperied dian	epen)	
<b>Test Methods</b> §63.465(d)(1)	Determine the amount of time for the parts to cease dripping once placed in the vapor zone.	Actual measured dwell time (sec)	50455	
<b>Test Methods</b> §63.465(d)(2)	Proper dwell time for parts to remain in the freeboard area above the vapor zone is no less than 35% of the actual dwell time.	% of actual dwell time:	32.00 m2	
<b>Monitoring</b> §63.466(b)(2)	Actual dwell time must be measured and recorded monthly.			
Recordkeeping §63.467(a)(3)	Retain records of the tests to determine proper dwell time for the lifetime of the machine.			

<sup>&</sup>lt;sup>6</sup>Exceedance has occurred if this requirement has not been met (§63.463(e)(3)(i))

#### 6. IDLING EMISSION LIMIT

NA

Complete the tables below by filling in any required measurements, calculations, or observations, and check either "Yes" or "No" to document compliance.

	Idling	Measurement, Calculation, or	In Compliance	
Citation	Parameters	Observation	Yes	No
Compliance (batch vapor) §63.463(f)(1)(i) §63.463(b)(1)(ii) §63.463(b)(2)(ii)	Demonstrate that the batch vapor machine can meet an emission limit of 0.22 kg/hr-m <sup>2</sup> (0.045 lbs/hr-ft <sup>2</sup> ) of solvent-air interface area when idling. <sup>7</sup>	CAREA ENGLISHED CONTRACTOR AND		1805 v
Compliance (in-line) §63.463(f)(1)(i) §63.463(c)(1)(ii) §63.463(c)(2)(ii)	Demonstrate that the <i>in-line</i> machine can meet an emission limit of 0.10 kg/hr-m <sup>2</sup> (0.021 lbs/hr-ft <sup>2</sup> ) of solvent-air interface area when idling. <sup>7</sup>			
Test Methods §63.465(a)	Determine idling emission rate using Reference Method 307 (in Appendix A of Subpart T).	ad the amounted to		0.000 a 200 a 300
Compliance §63.463(f)(1)(ii)	Establish operating parameters to demonstrate compliance. For example, if a control from the Control Combination section of the rule was used, the requirements for that control must be followed.	Periodic monitoring of parameters selected:  Parameters machine is operated within:		
Compliance §63.463(f)(2)	Conduct periodic monitoring to demonstrate compliance. <sup>7</sup>	Frequency of monitoring performed: Type of monitoring:		

<sup>&</sup>lt;sup>7</sup>Exceedance has occurred if this requirement has not been met. Determine if exceedance of parameters are classified as an immediate exceedance or whether a 15-day repair period would be allowed (§63.463(f)(4)(i)-(ii)).

#### 6. IDLING EMISSION LIMIT (Continued)

	1			,
/			^	)
	N	1	1	
	1	,		

	Idling	Measurement, Calculation, or	In Compliance?		
Citation	Parameters	Observation	Yes	No	
Compliance §63.463(f)(3)	Operate machine within parameters identified in the initial performance test. <sup>8</sup>		46. 24. 33.		
Recordkeeping §63.467(a)(4)	Retain the results of the initial test, including the idling emission rate and values of monitoring parameters measured, for the life of the machine.	Established of the work of the machines of the second of t			
Monitoring §63.466(f)	If using a control from the Control Combinations list, monitoring requirements for that control must be followed or alternative monitoring must be approved by the Administrator	encenc anidaen Ngo Si Arro Sinta Hos to Correstadi Ovacos sommani Infilm anidaratell ocernoto II genes			

<sup>&</sup>lt;sup>8</sup>Exceedance has occurred if this requirement has not been met. Determine if exceedance of parameters are classified as an immediate exceedance or whether a 15-day repair period would be allowed (§63.463(f)(4)).

#### 7. ALTERNATIVE STANDARD (Overall Emission Limit)

Complete one of the sections below based on whether the machine being inspected has a solvent-air interface. Check "Yes" or "No" to document compliance.

# A. Machines with Solvent-air Interface NOTE: For machines with solvent-air interface areas, compliance requirements depend on machine type and whether the machine is existing or new.

	Solvent-air Interface Alternative Standard	Measurement, Calculation, or	In Compliance?		
Citation	Parameters	Observation	Yes	No	
Compliance §63.464(a)(1)(ii)	For a batch vapor machine, the 3-month rolling average emissions of listed solvent from the machine, calculated monthly, must not exceed 150 kg/m²-month (30.7 lbs/ft²-month).9	Rolling Average:	10-48		
Compliance §63.464(a)(1)(ii)	For an existing in-line machine, the 3-month rolling average emissions of listed solvent from the machine, calculated monthly, must not exceed 153 kg/m <sup>2</sup> -month (31.4 lbs/ft <sup>2</sup> -month). <sup>10</sup>	Rolling average:	(6	) (1 <sup>4</sup>	
Compliance §63.464(a)(1)(ii)	For a <i>new in-line machine</i> , the 3-month rolling average emissions of listed solvent from the machine, calculated monthly, must not exceed 99 kg/m <sup>2</sup> -month (20 lbs/ft <sup>2</sup> month). <sup>11</sup>	Rolling average:			
Compliance §63.464(a)(1)(i) Recordkeeping §63.467(c)(1)-(2)	Maintain records (dates and amounts) of solvent added to the machine and solvent and waste removed from the machine (retain records for 5 years).				

<sup>&</sup>lt;sup>9</sup>Exceedance has occurred if this the 3-month rolling average emission limit has not been met(§63.464(c)).

<sup>&</sup>lt;sup>10</sup>Exceedance has occurred if this the 3-month rolling average emission limit has not been met(§63.464(c)).

<sup>&</sup>lt;sup>11</sup>Exceedance has occurred if this the 3-month rolling average emission limit has not been met(§63.464(c)).

#### A. Machines with Solvent-air Interface (Continued)

Citation	Solvent-air Interface Alternative Standard	Measurement, Calculation, or	In Compliance?		
	Parameters	Observation	Yes	No	
Compliance §63.464(b) Recordkeeping §63.467(c)(3)	Maintain records of calculations of monthly and 3-month rolling average emissions on a monthly basis (retain records for 5 years).		75,000		
Test Methods §63.465(b)	On the first day of every month, ensure that the machine contains only clean solvent.		5,013,13		
Test Methods §63.465(b)	Return the solvent each month to the fill line established during the first month the measurements were made.				
Test Methods §63.465(c)	Determine solvent emissions on the first operating day of each month.		(G)(1)(		

#### B. Machines without Solvent-air Interface

NOTE: For machines without solvent-air interface areas, compliance requirements depend on the cleaning capacity of the machine.

	Alternative Standard	Measurement,	In Com	pliance?
Compliance	Parameters (No Solvent-air Interface)	Calculation, or Observation	Yes	No
<b>Compliance</b> §63.464(a)(2)(ii)(A)	For machines with a cleaning capacity less than or equal to 2.95 m <sup>3</sup> , the monthly emissions must not exceed the	Monthly emissions:		
	emission limited determined using use either Table 6 or Equation 1 of 40 CFR 63.464. <sup>12</sup>	Emission limit determined by:		
Compliance §63.464(a)(2)(ii)(B)	For machines with a <i>cleaning capacity</i> greater than 2.95 m <sup>3</sup> , the monthly emissions must not exceed the emission	Monthly emissions:		
	limit determined using Equation 1 of 40 CFR 63.464.11			
Compliance §63.464(a)(1)(i)  Recordkeeping §63.467(c)(1)-(2)	Maintain records (dates and amounts) of solvent added to the machine and solvent and waste removed from the machine (retain records for 5 years).			
Compliance §63.464(b) Recordkeeping	Maintain records of calculations of monthly and 3-month rolling average emissions on a monthly basis (retain			
§63.467(c)(3)	records for 5 years).			
Test Methods §63.465(b)	On the first day of every month, ensure that the machine contains only clean solvent.			
Test Methods §63.465(b)	Return the solvent each month to the fill line established during the first month the measurements were made.			
Test Methods §63.465(c)	Determine solvent emissions the first operating day of each month.			
Recordkeeping §63.467(d).	Maintain records on the method used to determine cleaning capacity (retain for 5 years).			

<sup>&</sup>lt;sup>12</sup>Exceedance has occurred if this the 3-month rolling average emission limit has not been met (§63.464(c)).

# 8. GENERAL TESTING AND RECORD KEEPING REQUIREMENTS

	Α.	Potential to Emit
		Determine the potential to emit from all solvent cleaning operations at the facility (§63.465(e)).
		Potential to emit (kg/yr)
		{PTE <sub>i</sub> = (annual hours of operation) <sub>i</sub> x (working mode emission rate, kg/m <sup>2</sup> -hr) <sub>i</sub> x (SAI, m <sup>2</sup> ) <sub>i</sub> ; SAI = 2.20 x (Vol, m <sup>3</sup> ) <sup>0.6</sup> for machines with no solvent-air interface; SAI = solvent air interface area, Vol = cleaning capacity}
		Permit limit (kg/yr) (if applicable)
	В.	Records Retained For Lifetime of Machine
		Are the following maintained by the owner/operator?:
		<ul> <li>Owner's manual or written maintenance and operating procedures for the solvent cleaning machine and control equipment (§63.467(a)(1)):</li> </ul>
		Yes No  Comment:
		• The date of installation for the solvent cleaning machine and all control devices. (If exact date is unknown, a letter certifying that the machine and controls were installed prior to, on, or after 11/29/93 can be substituted) (§63.467(a)(2)):
		Yes 🖫 No 🗆 Comment:
		• Halogenated HAP solvent content for each listed solvent used in the machine (§63.467(a)(5)):
		Yes X No   Comment:
C.	Reco	rds Retained For 5 Years
		Does the owner/operators using control combination or idling emission limit, maintain estimates of annual solvent consumption for the machine (§63.467(b)(3)):
		Yes 🔍 No 🗆 Comment:
		Age with many of the common and the properties of the common and t

#### 9. REPORTING REQUIREMENTS

For:	Complying with:	Complete:
New machines	Control combination or idling emission limit	(A) and (C)
New machines	Overall emission limit (i.e., alternative standard)	(A) and (D)
Existing machines	Control combination or idling emission limit	(B) and (C)
Existing machines	Overall emission limit (i.e., alternative standard)	(B) and (D)

A. Initial Notification Requirements for New Machines:

		_	153	_	1
/	20,00	,	1	V	
(	1	1	1	1	/
/	,			_	

Notification Type/ Citation	New Machine Reporting Parameters	Observation/	In Compliance?		
		Date	Yes	No	
Initial Notification §63.468(b)	If construction or reconstruction had commenced but initial startup had not occurred before 12/2/94, an initial notification report was submitted before startup, but no later than 1/31/95.	Construction:  Startup:  Notification:			
Initial Notification §63.468(b)	If construction or reconstruction began or will begin after 12/2/94, an <i>initial</i> notification report has been submitted as soon as possible before starting construction or reconstruction of the machine.	Construction:  Startup:  Notification:			

Does the *initial notification report* for the new machine comprise the following (§63.468(b)(1)-(3)):

•	Description of machine, including type, solvent-air interface			
	area and existing controls:	Yes	No	
•	Anticipated compliance approach:	Yes	No	
•	Estimate of annual halogenated solvent consumption for			
	each cleaning machine:	Yes	No	

# B. Initial Notification Requirements for Existing Machines:

Initial notification for existing machines are based on a fixed date. Complete the table below by checking either "Yes" or "No" to document compliance.

Notification Type/	Existing Machine Reporting	Observation/	Compl	_
Citation	Parameter	Date	Yes	No
Initial Notification §63.468(a)	An initial notification report was submitted no later than 8/29/95.	Notification:	×	

Did the *initial notification report* for existing sources comprise the following (§63.468(a)(1)-(6)):

\ //				
• .	Owner/operator name and address:	Yes □	No	
•	Address (i.e., physical location of machine):	Yes □		
•	Description of machine, including type, solvent-air		1,0	_
	interface area and existing controls:	Yes □	No	
•	Installation date of the machine or letter certifying			
	installation before or after 11/29/93:	Yes □	No	
•	Anticipated compliance approach:	Yes □	No	
•	Estimate of annual halogenated solvent consumption:	Yes □	No	

# C. Reporting Requirements with Control Combinations and Idling Emission Limit

Notification Type/	Control and Idling Emission	Observation/	In Compliance?	
Citation	Reporting Parameter	Date	Yes	No
Initial Statement of Compliance (New) §63.468(d)	For new sources, an <i>initial statement of</i> compliance has been submitted no later than 150 days <u>after</u> startup or 5/1/95, whichever is later.	Notification:	× ×	
Initial Statement of Compliance (Existing) §63.468(d)	For existing sources, an <i>initial</i> statement of compliance has been submitted no later than May 1, 1998 (150 days after 12/2/97).	Notification: 5/1/95	X	
Annual Report §63.468(f)	An annual report must be submitted by February 1 of the year following the one for which the report is being made.	2/1/49		
Exceedance Report §63.468(h)	An exceedance report must be submitted semiannually unless it is determined that more frequent reporting is necessary to accurately assess compliance status.	Reporting frequency:	X	

# ATTACHMENT 16

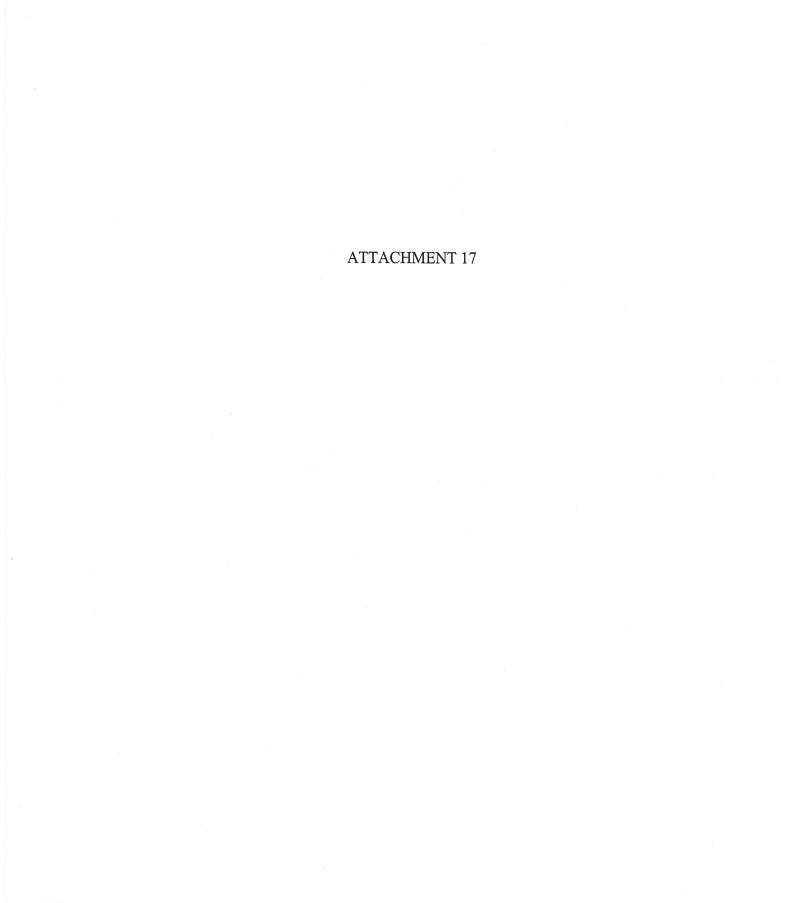
#### CHROMIUM ELECTROPLATING INSPECTION FORM

Facility	Hir	Capital	Plati	ng	AIRS	No.:	
Add City	ress:	vita	MIGHET		State: KS	Zi	p:
Contact	/Title:	urt Hi			Phone N	umber:	
Owner/	Operator/7	Title: Tha	yer Ci	crp.			
		,			State:	Z	ip:
Inspecto	or: 1500	itty/H	igher !			Date:	1/13/99
	source: or: Yes	_ No (P	TE ≥ 10 TP	Y single HAP or 25	5 TPY combina	ation HAPS)	
For	hard chroi			ctifier cap. < 60 mi ctifier cap. ≥ 60 mi	-		
Tank ID#	Tank Type <sup>1</sup>	Startup Date	Volume (gal)	Type of Parts Plated	Tank Amp Capacity	Control Device <sup>2</sup>	
(-	A	1/1/79	1450	aircraft	2500	PBS	
						· ·	
1 Tank Type: hard(H); decorative: hexavalent(DH), trivalent(DT); anodizing(A). 2 Control Device: composite mesh pad (CMP), packed-bed scrubber (PBS), fiber-bed mist eliminator (FBME), fume suppressant (FS), other (O).  Control Equipment Manufacturer/Vendor:							
Make, Model, Serial or ID #: VIF 1075							
Bath Composition: CrO <sub>3</sub> / C %, DI H <sub>2</sub> O / C %, Temperature: °C( °F).							
Capacit	Capacity (norm/max): 10 / 20 hrs/day, 1 / 2 shifts/day, 6 / 6 days/week,						
lk	L17K#	pieces/day.	×14#	pieces/shift			

PRECORDKEEPING REQUIREMS  Does the facility keep these rec		Yes No NA
Inspection and Maintenance recognition (process, control equipment, mo		<u>×</u>
2. Malfunction records? (process, control equipment, mo	onitoring equipment)	_ × _
3. Performance test results? (if con	iducted) 7/29+8/1 1997	×
4. Excess emissions records?		<u>×</u>
5. Process records: a. All tanks: operating time?		
b. Hard chrome (small):  Actual rectifier capacity/m	onth?	
Total rectifier capacity? (Major-semiannual, area-a	nnual)	
c. Decorative (trivalent) chrom Bath component purchase		
d. Decorative (hexavalent) chro	ome: Fume suppressant additions?	
6. Operations and maintenance (O	& M) plan?	<u>\</u>
REPORTING  Has the facility submitted these	reports?	Records <u>Yes No NA Avail(Y/N)</u>
1. Initial notification? (Due 7/24/95)		<u>X</u>
2. Notification of construction/reco (After 1/25/95, due at startup)	onstruction?	
3. Notification of performance test (Due at least 60 days prior to test)		
4. Notification of compliance statu (Due within 90 days after test or		
5. Ongoing compliance status report (Major-every 6 months; Area-ar		<u>X</u>

CONTROL TECHNOLOGY MONITORING (Mark (X) if applicable) Is facility performing the following?	Yes No	Records Avail (Y/N)
1. ( ) Composite Mesh Pad (CMP)		
<ul> <li>Visually inspect pad, duct work (1/quarter)?</li> <li>Perform washdown of pads per manufacturer?</li> <li>Pressure drop monitored daily?</li> <li>Pressure drop: inches of water (during test: ±1 inches of water)</li> </ul>		
2. (x) Packed-bed Scrubber (PBS)		
<ul> <li>Visually inspect packed bed, mist eliminator, duct work (1/quarter)?</li> <li>Add fresh makeup water?</li> <li>Pressure drop monitored daily?</li> <li>Pressure drop: 1.3 inches of water (during test: 1 5 ±1 inches of water)</li> <li>Velocity pressure monitored daily?</li> <li>Velocity pressure: 6.27 inches of water (during test: 6.25 ±10% inches of water)</li> </ul>	× - × -	- <u>-</u> -
3. ( ) CMP/PBS (Same as CMP)		
<ul> <li>4. ( ) Fiber-bed mist eliminator (FBME)</li> <li>Visually inspect fiber-bed, pre filter, duct work (1/quarter)?</li> <li>Perform washdown of fiber element per manufacturer?</li> <li>Pressure drop monitored daily?</li> <li>Pressure drop: inches of water (during test: ±1 inches of water)</li> </ul>		- — - —
5. ( ) Wetting agent		
<ul> <li>Surface tension monitored every 4/8/40 hours?</li> <li>(≤ 45 dynes/cm or tested)</li> <li>Wetting agent name</li> <li>Surface tension measuring device</li> </ul>		
How measured?		50
6. ( ) Foam blanket		
• Thickness monitored every 1/4/8 hour? (≥1 inch or tested) How measured?		<del>-</del> —

ach additional sheets if needed)	
	77 
rdinator's Signature: Paula + Cale	, Date 2/1/99





September 3, 1998

Kurt Howell, Compliance Manager Air Capitol Plating, Inc. 1702 So. Knight Wichita, Kansas 67213

Dear Sir:

P/N 1730152

On September 1, 1998, a representative of the Wichita-Sedgwick County Department of Community Health; acting as a designated agent for the Kansas Department of Health and Environment, conducted an annual inspection of your Electroplating and Spray painting Facility located in Wichita, Kansas to observe whether the facilities were continuing to be operated in compliance with the Kansas air pollution emission control regulations.

At the time of the inspection, no violations of Kansas air quality regulations of your permit in the areas inspected were observed.

K.A.R. 28-19-11 provides exemption from applicable regulation emission limitations when the limitations are exceeded due to equipment malfunction or scheduled maintenance. Exemption will be considered if the Department is notified in writing within 10 days of such occurrence. Should your facilities be observed in violation of applicable regulations which occurred as a result of equipment malfunction or maintenance, enforcement proceedings would be initiated unless the Department has been notified in accordance with the provisions of K.A.R. 28-19-11.

You are required to notify the Department in writing if new processing equipment is to be installed or if modifications are to be made to the plant or the way the plant is operated. The Department is to be notified of any such additions or modifications at least 90 days prior to the initiation of any alteration.

In Addition, this facility is also subject to the following Federal

regulations: 1.) Spray painting operations- 40 CFR 63 Subpart GG

2.) Chrome anodizing tank- 40 CFR 63 Subpart N

3.) Degreasers- 40 CFR 63- Subpart T

Include your air quality permit number in any correspondence with the Department. Should you have any questions regarding these matters, please contact me at 268-8448

Sincerely,

Randy Owen, Environmental Quality Specialist cc: Bureau of Air Quality- Topeka

Wichita-Sedgwick @unity Department of @mmunity Health

1900 East Ninth Street-Wichita, Kansás 67214-3198 • (316) 268-8351 • Fax (316) 268-8390

# Air Pollution Source Inspection (Opacity)

Permit Number: 1730152			Company Name	Air Capito	l Plating
Item	Source	Operating	Applicable	Opacity	Opacity
No.	Description	Conditions	Regulations	Limit	Observation
1.	Cadium plating (2-830 ga. tanks)	-	28-19-50(B)	20%	Ø
2.	Cad/Titanium plating(420 ga. tank)		28-19-50(B)	20%	7
3.	Copper plating (mini tank )		28-19-50(B)	20%	
4.	Paint Room #1:				
	Booth #1	2 stage dry filter	28-19-50(B)	20%	( ,
	Booth #2	0140 IDM	28-19-50(B)	20%	
	Booth #3	1919 1941	28-19-50(B)	20%	
	Booth #4	19 61 61 44	28-19-50(B)	20%	7
5.	#1 vapor cleaning machine		NESHAPS	20%	8
6.	#2 batch vapor machine		NESHAPS	20%	8
7.	Passivate line	Scrubber	28-19-50(B)	20%	*
8.	Paint solvent cleaning	Vent	28-19-50(B)	20%	
9.	Paint Room #3:				
	Booth #1	2 stage dry filter	28-19-50(B)	20%	
	Booth #2	IN HH	28-19-50(B)	20%	
	Booth #3	17 FF 7F 79	28-19-50(B)	20%	
10.	ACE Model 240-RKG incinerator	Afterburner	28-19-41(B)	20%	5
11.	Developer exhaust	Vent	28-19-50(B)	20%	
12.	Chrome solvent cleaning	Vent	28-19-50(B)	20%	
13.	Paint Room #2			.,	7
	Booth #1	2 stage dry filter	28-19-50(B)	20%	
	Booth #2	61.61 23.50	28-19-50(B)	20%	/
	Booth #3	1110 1111	28-19-50(B)	20%	
	*Ref: NPL 97-93, these booths are	subject to Subpart G	G		_
14.	Chrome anodize tank	Fume suppressant	Subpart N	20%	()
	capacity 1450 ga.	& packed bed scrul			

16) June 100 10 10





CHROMIUM ELECTIFICATION  Address: 102 5 max  City: 4 fam. 6  Contact/Title: 4 hour  Owner/Operator/Title: 4 hour  Address: City: 4 hour  Type of source: Major: Yes No (PTE ≥ 10 TPY)				vell 2	AIRS State: AIRS Phone N State:	No.: 1730 Zip umber: 942	p: 1/2/3
For hard chrome: Small (Max. rectifier cap. ≤ 60 million amp-hrs/yr)  Large (Max. rectifier cap. ≥ 60 million amp-hrs/yr)							
Tank ID#	Tank Type <sup>1</sup>	Startup Date	Volume (gal)	Type of Parts Plated	Tank Amp Capacity	Control Device <sup>2</sup>	
6	A	1/1/4	1450	annult	2500	P\$5	
				1			
1 Tank Type: hard(H); decorative: hexavalent(DH), trivatent(DT); anodizing(A).  2 Control Device: composite mesh pad (CMP), packed-bed scrubber (PBS), fiber-bed mist aliminator (PBMIE), finne suppressant (FS), other (O).  Control Equipment Manufacturer/Vendor:							
Make, Model, Serial or ID #: VHE 1075  Bath Composition (10) White Indian India							

RECO	DRDKEEPING REQUIREMENTS (K	leep 5 years)			
	oes the facility keep these records?		Y	es No	NA
	•			<u> </u>	4.74.5
1. Ins	pection and Maintenance records?		X		
	rocess, control equipment, monitoring	equipment)			
			λ	^	
2. Ma	alfunction records?			<u> </u>	
(þ	rocess, control equipment, monitoring	equipment)	ŕ		1
	_		V	/	1
3. Pe	rformance test results? (if conducted)	the second secon		· ·	
4 15		6	-		-MANIA
4. Ex	cess emissions records?				C377 / 1
5 D-					4
	ocess records:				NA
ä.	All tanks: operating time?				V
h	Hand abnown (11)	1			4.1
U.	Hard chrome (small):				NA
	Actual rectifier capacity/month?		_		<u></u>
	Total rectifier capacity?				N/A
	(Major-semiannual, area-annual)				7/1
	(1974) Ol-Solinamiuai, aica-aminai)				
C.	Decorative (trivalent) chrome:				
	Bath component purchases (w/ wei	ting agent)?			NA
	parameter (iii iii	]	_		<u></u>
d.	Decorative (hexavalent) chrome: Fun	late suppressant additions?			MA
	,		_	<del>, —</del> :	
6. Op	erations and maintenance (O & M) pla	n?	Χ		
					AL ANDRESS COLUMN TO SERVICE STATE OF THE SERVICE S
	<u>PRTING</u>			F	Records
H	as the facility submitted these reports?		Yes No	NA Av	ail(Y/N)
1 Y_1	#-1		X		
	tial notification?				
(1	due 7/24/95)				
2 No	tification of construction/reconstruction	_9			1/
	after 1/25/95, due at startup)				<del>-</del> /
(4	diei 1/25/95, due at startup)				1/
3 No	tification of performance test? (If con-	ducted)	X		
	oue at least 60 days prior to test)	ideted)	·	9	
	co days pilot to tosty		./		
4. No	tification of compliance status?		Χ		
	ue within 90 days after test or within	30 if no test required)			
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		
	going compliance status reports?		<u>X</u> _		V
$(\mathbb{N}$	lajor-every 6 months; Area-annually,	retain onsite)	( -		

CONTROL TECHNOLOGY MONITORIN Is facility performing the following?	(Mark (X) if applicable)	Yes No	Records <u>Avail (Y/N)</u>
1. ( ) Composite Mesh Pad (CMP)  • Visually inspect pad, duct work (1/quarter  • Perform washdown of pads per manufactu  • Pressure drop monitored daily?  • Pressure drop inches of water (during test: the inches of water)	)? rer?		
<ul> <li>2. ( ) Packed-bed Scrubber (PBS)</li> <li>Visually inspect packed bed, mist eliminated.</li> <li>Add fresh makeup water?</li> <li>Pressure drop monitored daily?</li> </ul>	tor, duct work (1/quarter)?		
• Pressure drop: 1.04 inches of water (during test: 1.05 ±1 inches of water) • Velocity pressure monitored daily? • Velocity pressure: 125 inches of water (during test: 125 ±10% inches of water		<u> </u>	
3. ( ) CMP/PBS (Same as CMP) 4. ( ) Fiber-bed mist eliminator (FBME)			
<ul> <li>Visually inspect fiber-bed, pre filter, duct</li> <li>Perform washdown of fiber element per m</li> <li>Pressure drop monitored daily?</li> <li>Pressure drop: inches of water (during test:±1 inches of water)</li> </ul>	vork (1/quarter)? anufacturer?		
5. ( ) Wetting agent  • Surface tension monitored every 4/8/40 ho	urs?		
<ul> <li>(≤ 45 dynes/cm or tested)</li> <li>Wetting agent name</li> <li>Surface tension measuring device</li> <li>How measured?</li> </ul>			
6. ( ) Foam blanket			
• Thickness monitored every 1/4/8 hour? (≥1 inch or tested) How measured?			

ENVIRONMENTAL HEALTH 3162688390

NO.525

P.8

JAN. 4.1999

5:46PM